

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028940.D
 Acq On : 26 Sep 2017 12:28
 Operator : SJ/JU
 Sample : I5385-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 13:43:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 12:06:14 2017
 Response via : Initial Calibration

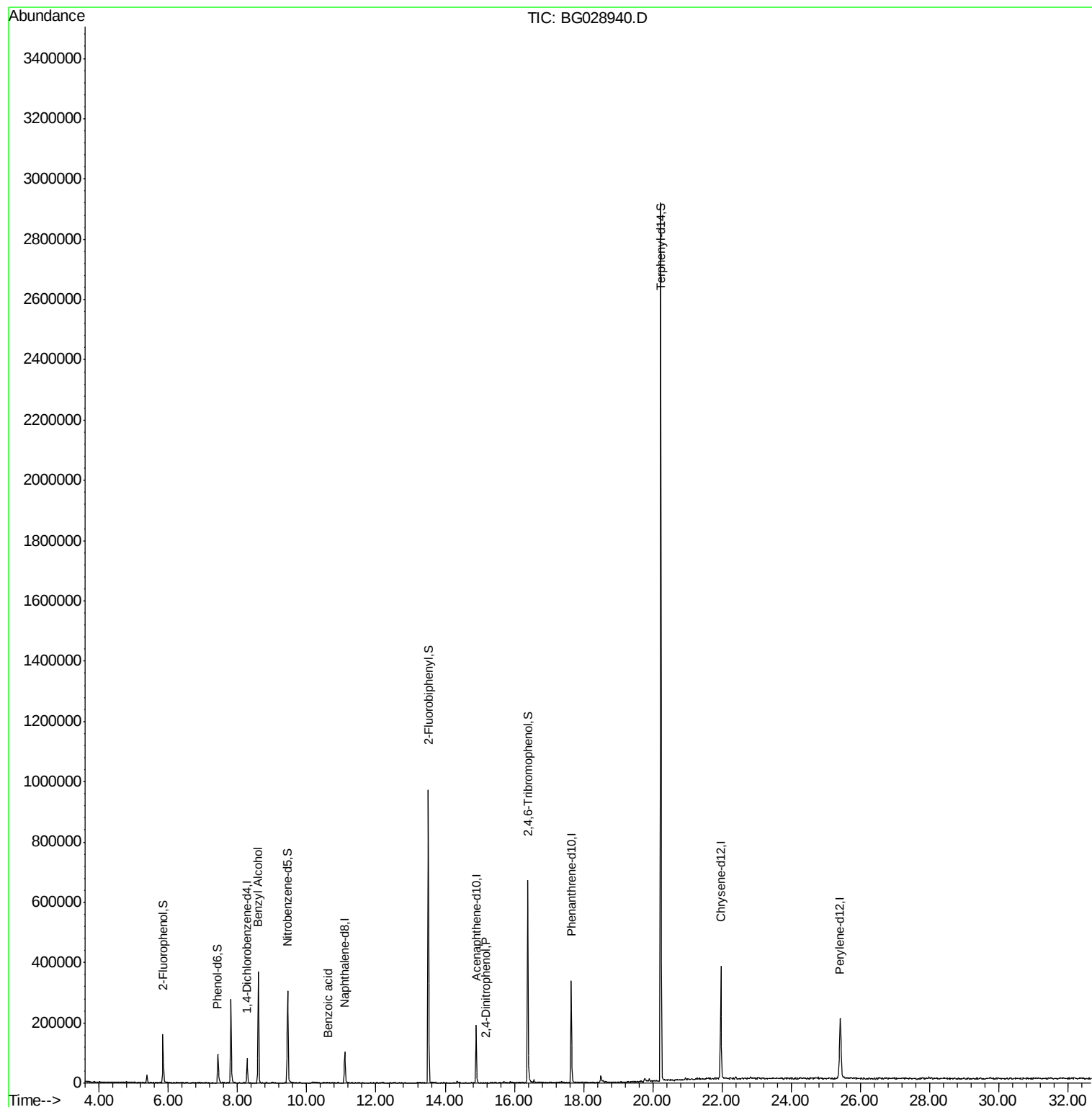
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23200	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	91159	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	69853	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	220943	20.00	ng	0.00
75) Chrysene-d12	21.97	240	263258	20.00	ng	0.00
86) Perylene-d12	25.42	264	271716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	71237	50.67	ng	0.00
7) Phenol-d6	7.44	99	61314	28.96	ng	0.00
23) Nitrobenzene-d5	9.45	82	205868	108.03	ng	0.00
41) 2,4,6-Tribromophenol	16.38	330	146178	126.53	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	554540	105.86	ng	0.00
78) Terphenyl-d14	20.23	244	1346934	109.11	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.61	79	3951	2.391	ng	# 63
32) Benzoic acid	10.61	122	65	6.135	ng	# 1
53) 2,4-Dinitrophenol	15.17	184	63	8.084	ng	# 15

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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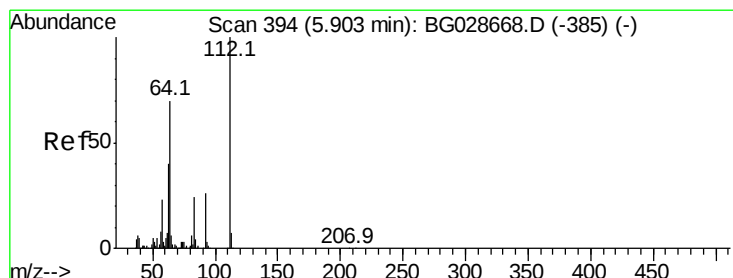
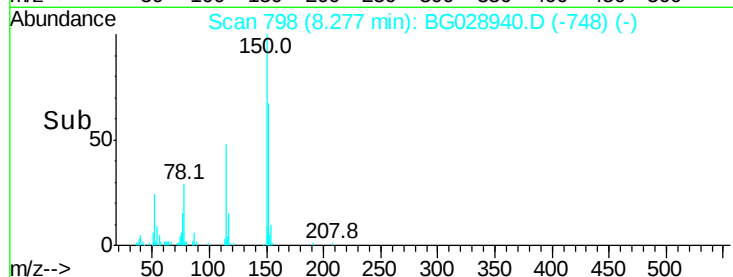
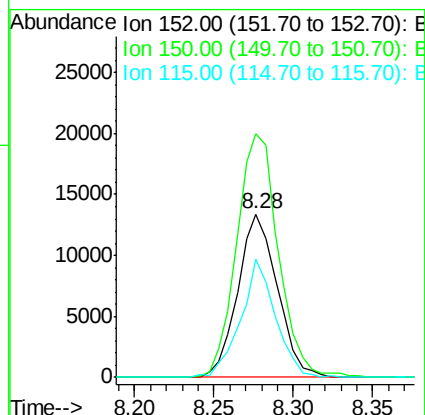
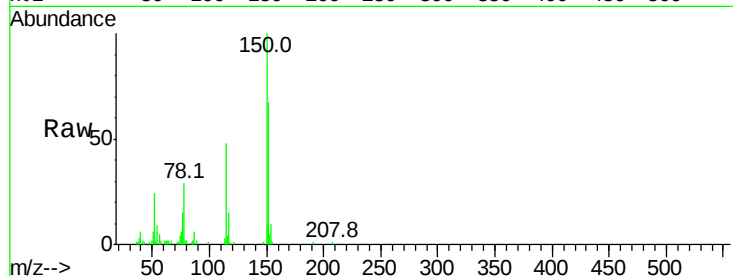


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

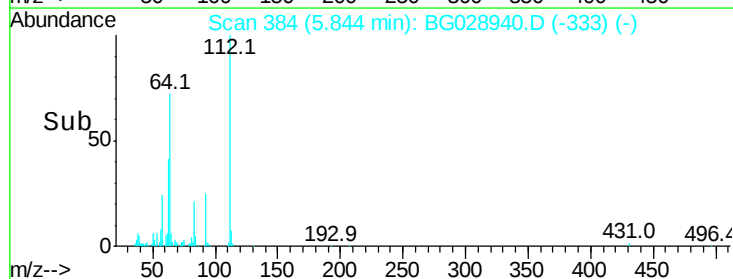
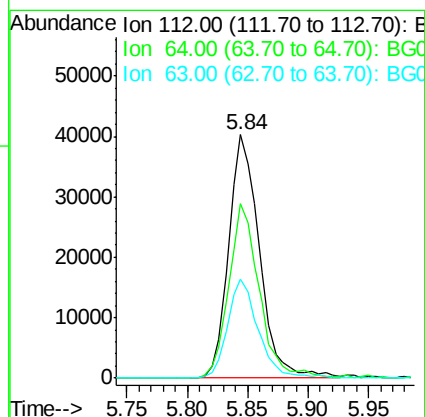
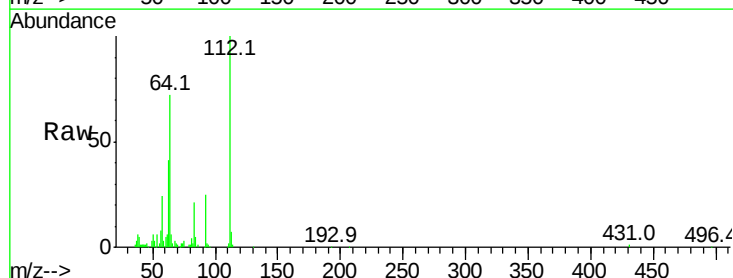
Tot Ion:152 Resp: 23200
Ion Ratio Lower Upper
152 100
150 149.1 114.0 171.0
115 72.0 48.1 72.1

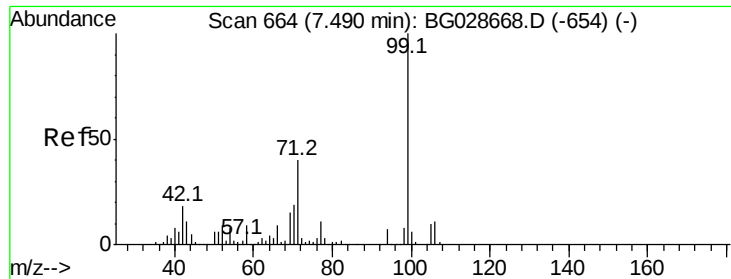


#5

2-Fluorophenol
Concen: 50.666 ng
RT: 5.84 min Scan# 384
Delta R.T. 0.00 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion:112 Resp: 71237
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 40.8 37.2 55.8





#7

Phenol-d6

Concen: 28.964 ng

RT: 7.44 min Scan# 655

Delta R.T. 0.00 min

Lab File: BG028940.D

Acq: 26 Sep 2017 12:28

Instrument :

BNA_G

ClientSampleId :

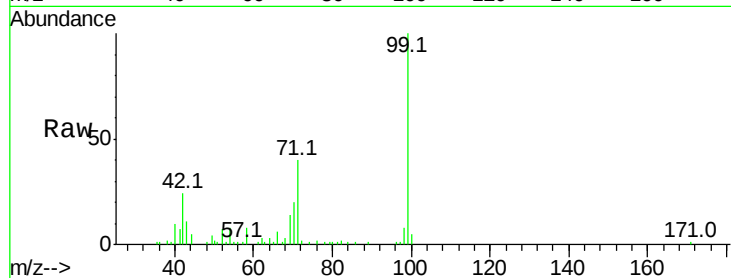
Tot Ion: 99 Resp: 61314

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.5	30.7
71	40.1	37.6	56.4

99 100

42 23.6 20.5 30.7

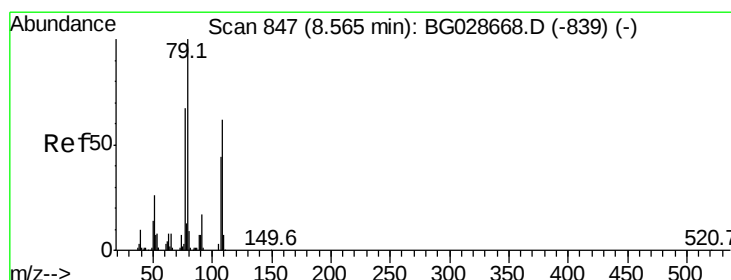
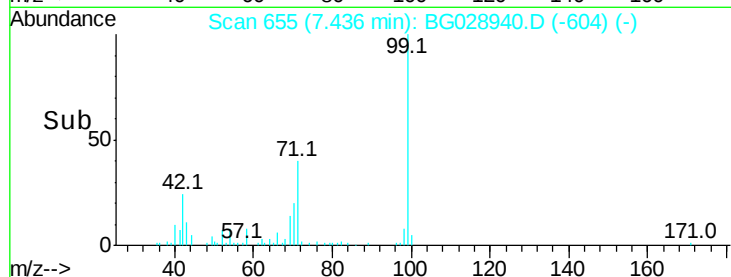
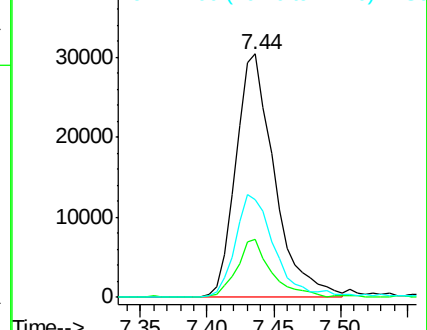
71 40.1 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.391 ng

RT: 8.61 min Scan# 854

Delta R.T. 0.09 min

Lab File: BG028940.D

Acq: 26 Sep 2017 12:28

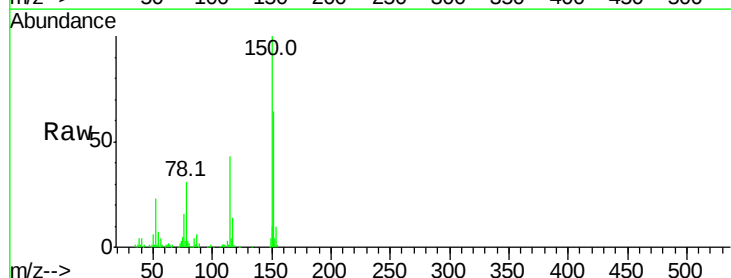
Tgt Ion: 79 Resp: 3951

Ion	Ratio	Lower	Upper
79	100		
108	37.9	45.5	68.3#
77	105.2	54.3	81.5#

79 100

108 37.9 45.5 68.3#

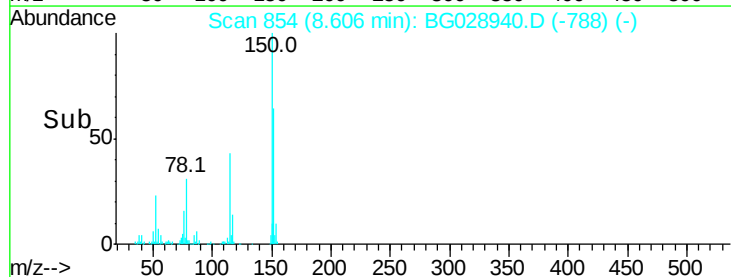
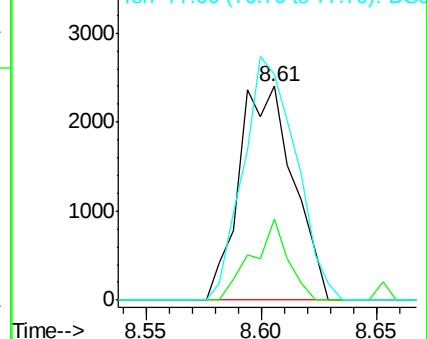
77 105.2 54.3 81.5#

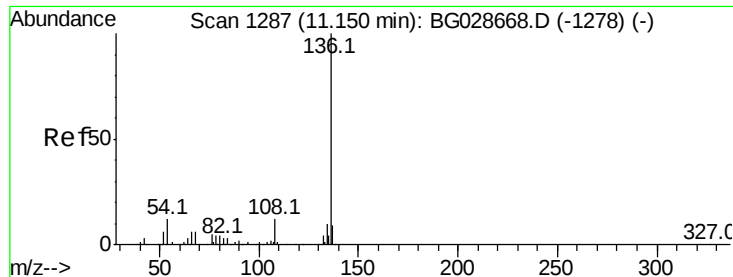


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

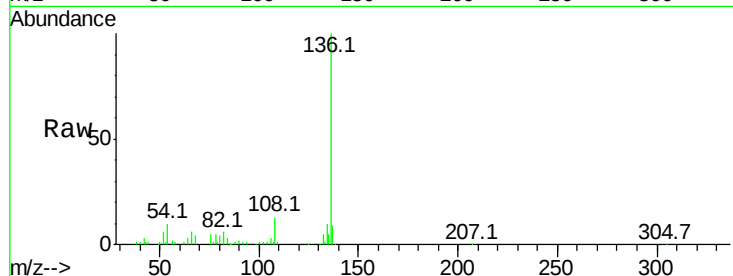




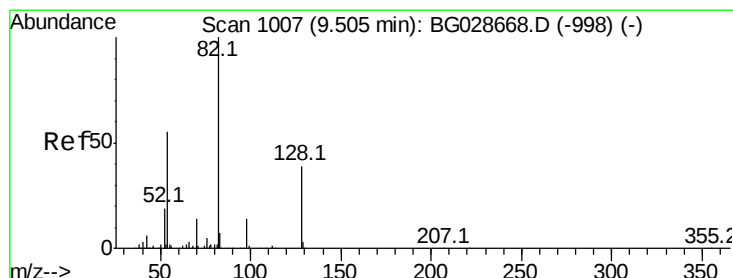
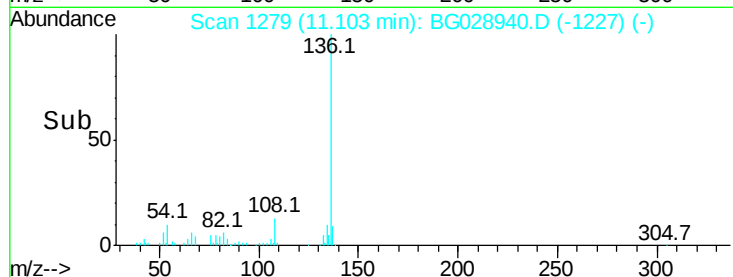
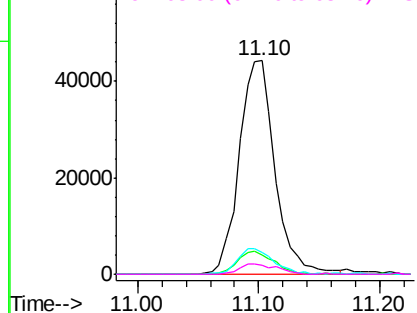
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	91159
Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.9	13.3
54	10.4	9.3	13.9
68	4.3	5.1	7.7#

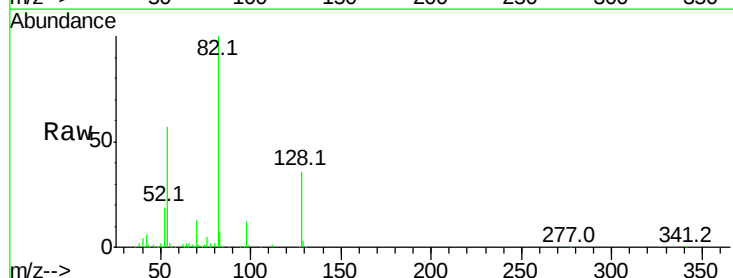


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

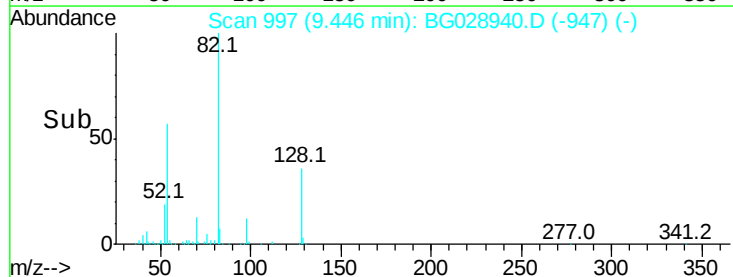
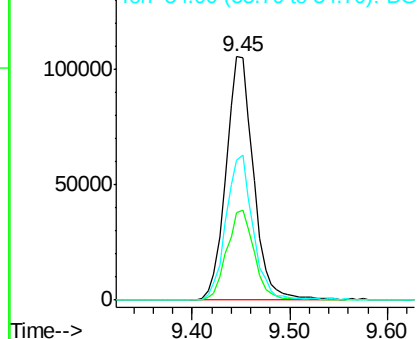


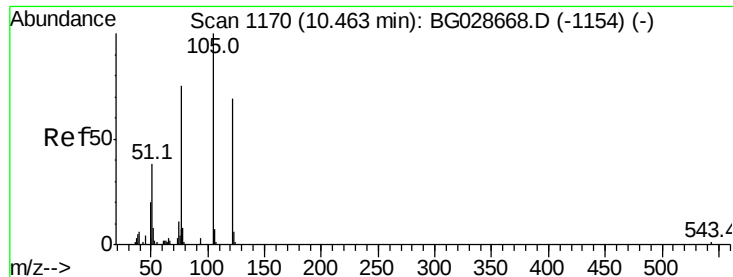
#23
Nitrobenzene-d5
Concen: 108.033 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG028940.D
Acq: 26 Sep 2017 12:28

Tgt Ion:	82	Resp:	205868
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.4	39.6
54	57.3	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 6.135 ng

RT: 10.61 min Scan# 1196

Delta R.T. 0.20 min

Lab File: BG028940.D

Acq: 26 Sep 2017 12:28

Instrument :

BNA_G

ClientSampleId :

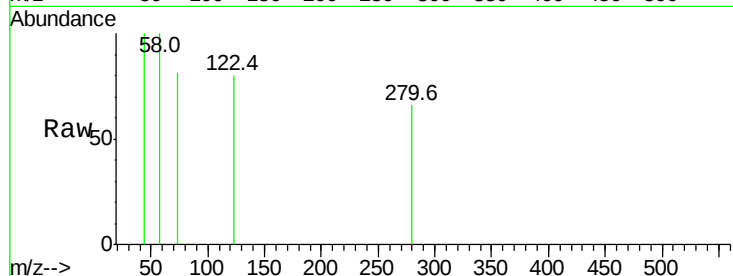
Tot Ion:122 Resp: 65

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

77 0.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

10.61

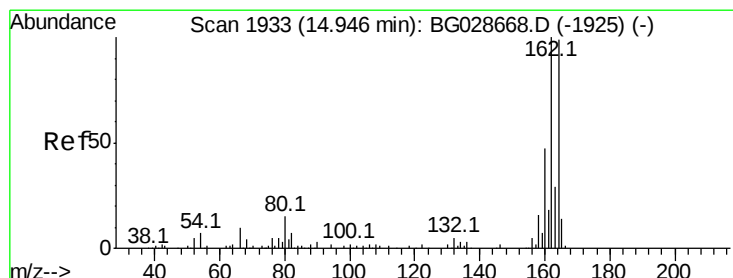
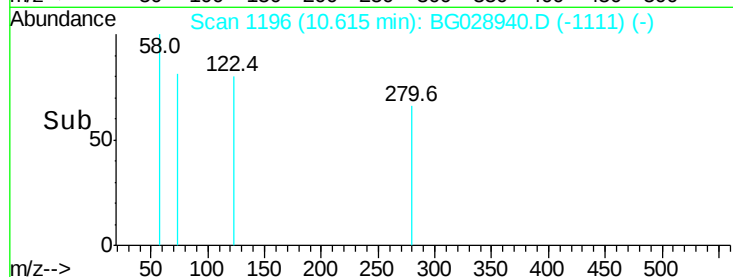
150

100

50

0

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG028940.D

Acq: 26 Sep 2017 12:28

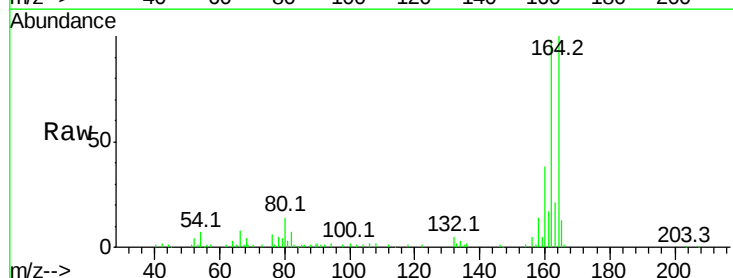
Tgt Ion:164 Resp: 69853

Ion Ratio Lower Upper

164 100

162 98.3 85.1 127.7

160 38.4 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.89

40000

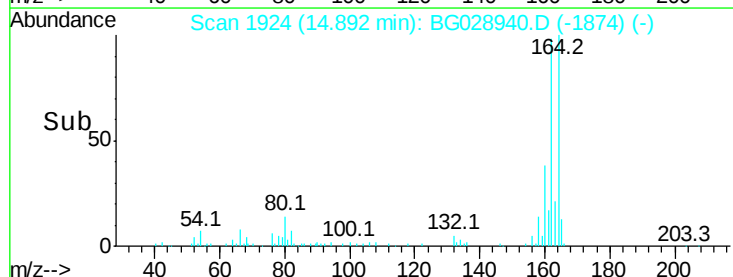
30000

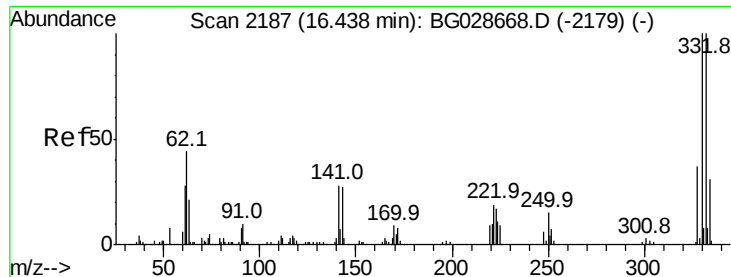
20000

10000

0

Time-->

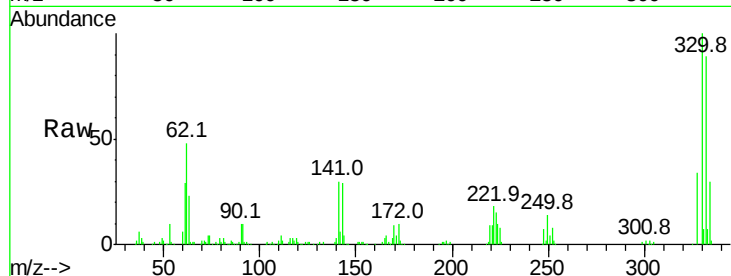




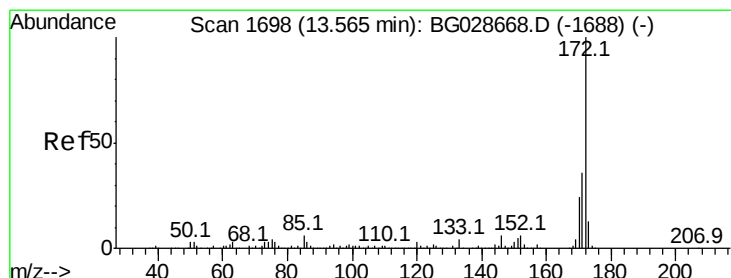
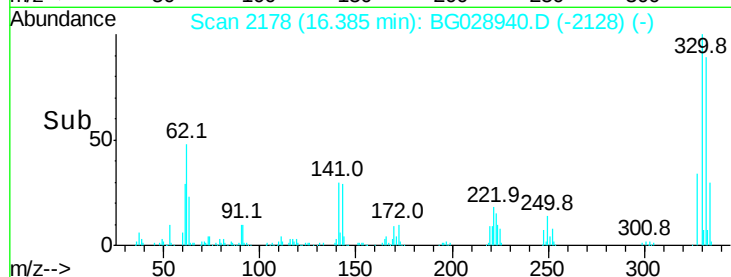
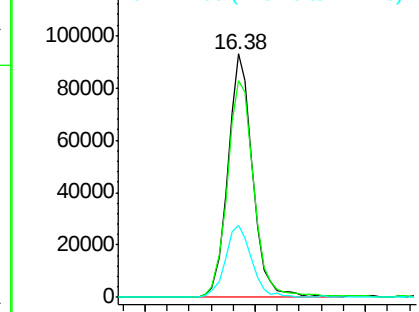
#41
 2,4,6-Tribromophenol
 Concen: 126.525 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG028940.D
 Acq: 26 Sep 2017 12:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.6	32.1	48.1#

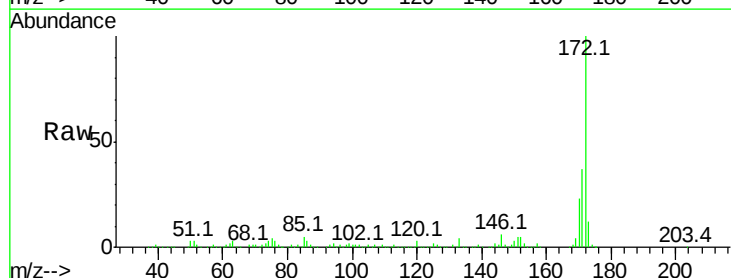


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

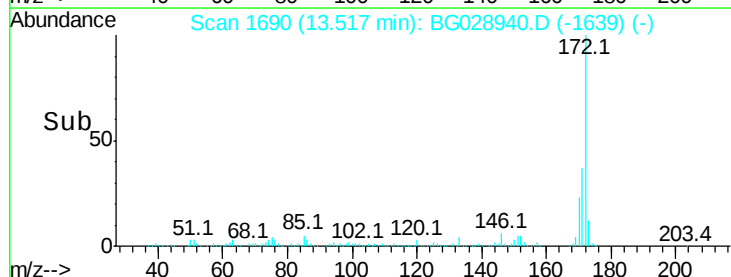
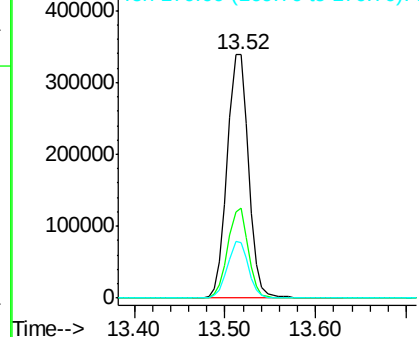


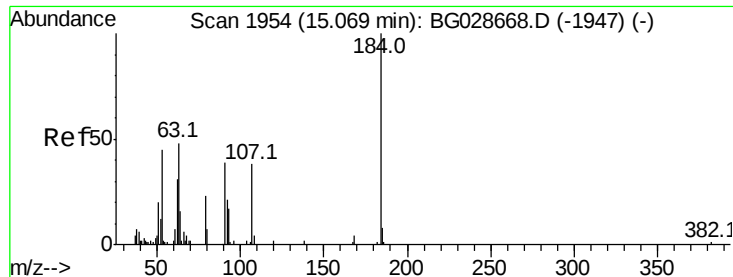
#44
 2-Fluorobiphenyl
 Concen: 105.856 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG028940.D
 Acq: 26 Sep 2017 12:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	22.5	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

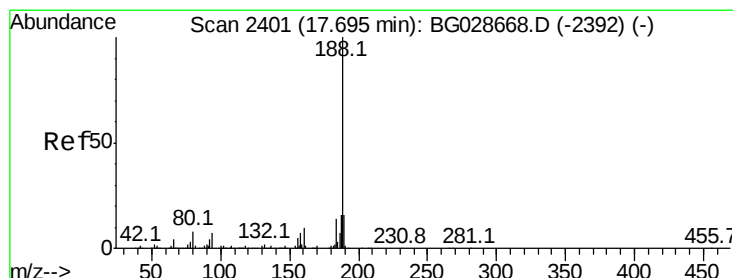
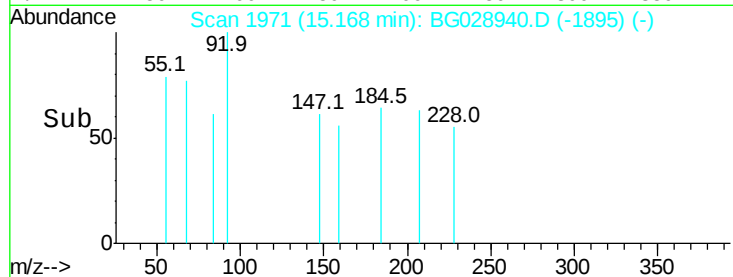
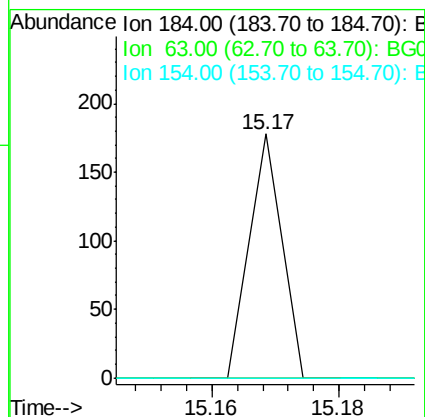
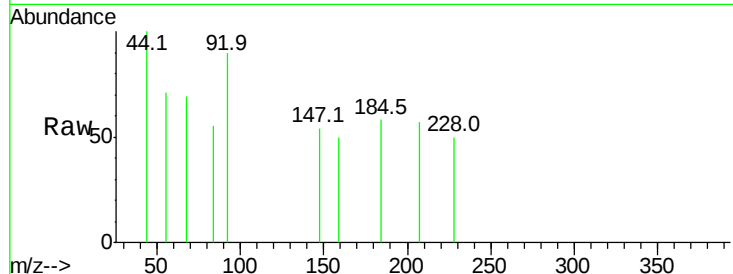




#53
 2,4-Dinitrophenol
 Concen: 8.084 ng
 RT: 15.17 min Scan# 1971
 Delta R.T. 0.15 min
 Lab File: BG028940.D
 Acq: 26 Sep 2017 12:28

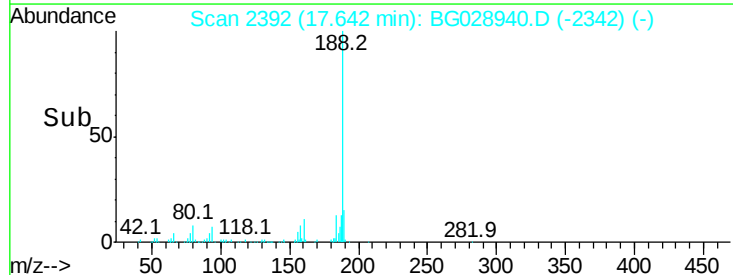
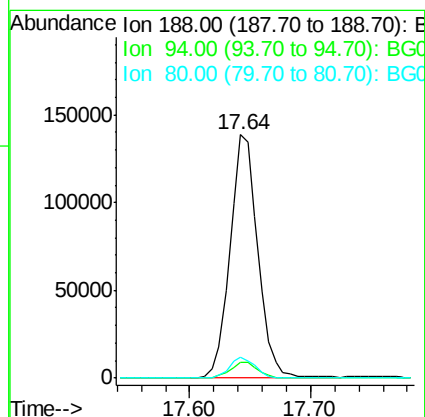
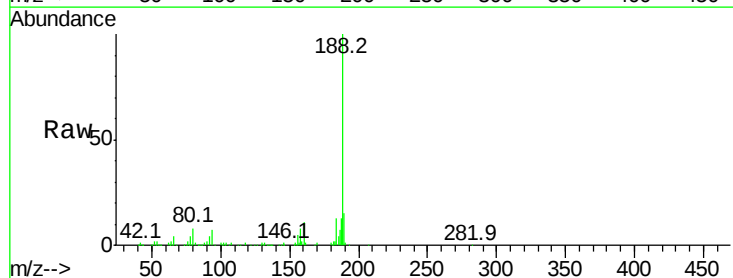
Instrument :
 BNA_G
 ClientSampled :

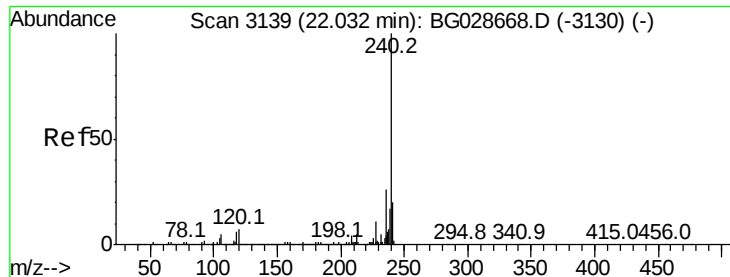
Tot Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.64 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BG028940.D
 Acq: 26 Sep 2017 12:28

Tgt Ion:188 Resp: 220943
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.8 8.8
 80 8.4 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG028940.D

Acq: 26 Sep 2017 12:28

Instrument :

BNA_G

ClientSampleId :

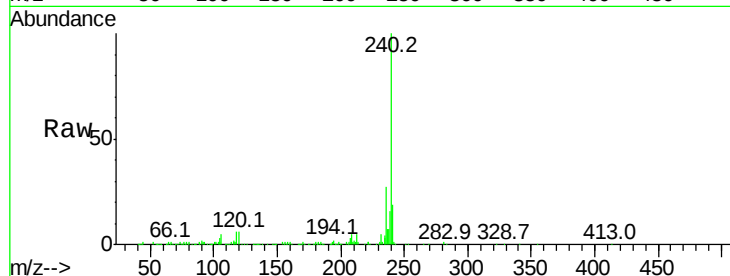
Tot Ion:240 Resp: 263258

Ion Ratio Lower Upper

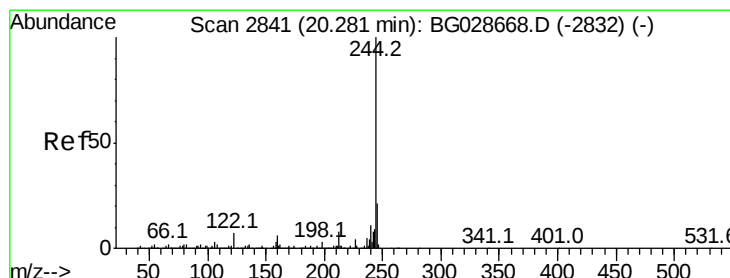
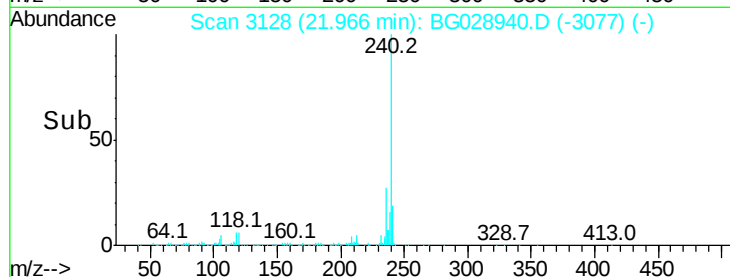
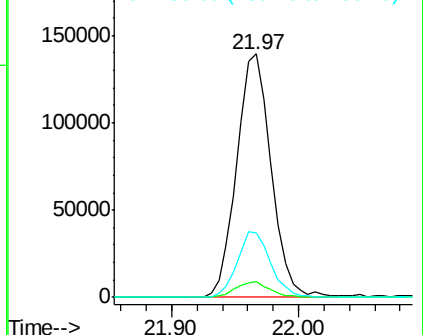
240 100

120 6.4 5.7 8.5

236 26.7 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 109.111 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028940.D

Acq: 26 Sep 2017 12:28

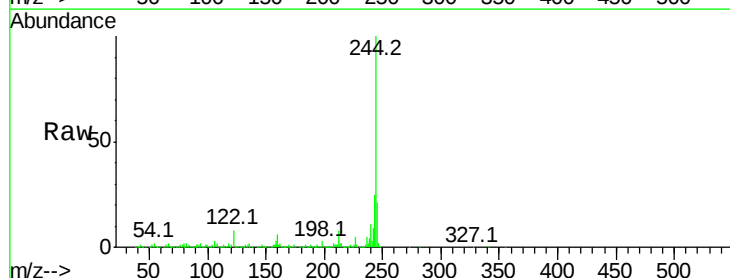
Tgt Ion:244 Resp: 1346934

Ion Ratio Lower Upper

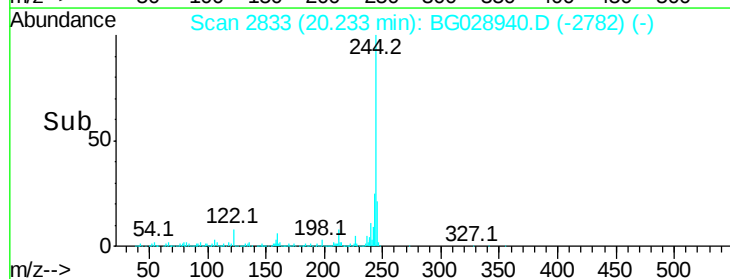
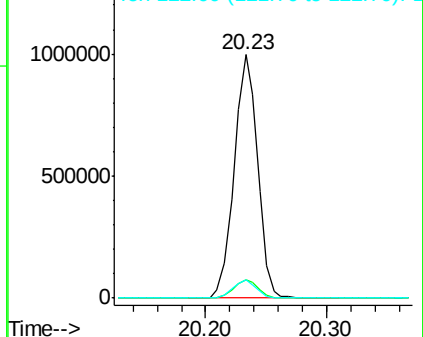
244 100

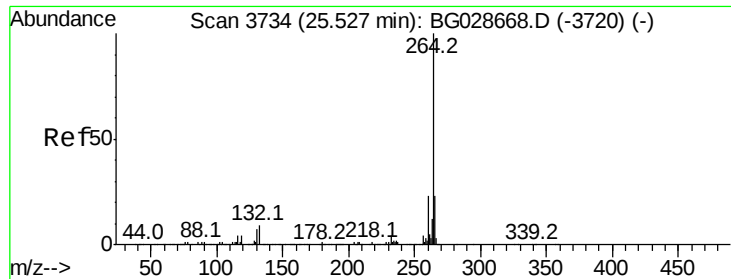
212 7.7 10.0 15.0#

122 7.6 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

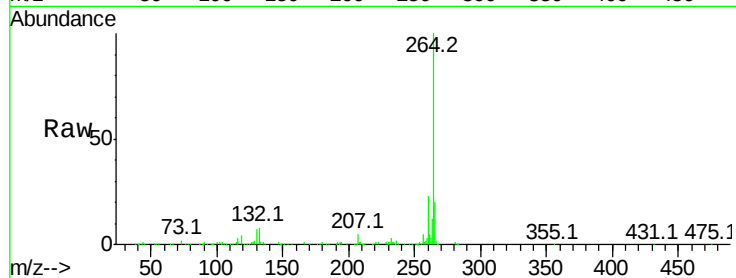




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.42 min Scan# 3716
 Delta R.T. 0.01 min
 Lab File: BG028940.D
 Acq: 26 Sep 2017 12:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	20.2	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

